



Alan C. Lloyd, Ph.D.  
Agency Secretary  
Cal/EPA



## Department of Toxic Substances Control

700 Heinz Avenue, Suite 200  
Berkeley, California 94710-2721



Arnold Schwarzenegger  
Governor

**DEPARTMENT OF TOXIC SUBSTANCES CONTROL**  
**WEEKLY PROJECT UPDATE**  
**ZENECA/FORMER STAUFFER CHEMICAL SITE**  
Richmond, California  
Activities for February 7 - 11, 2005

### **Correspondence**

- On February 8, 2005, DTSC issued a Site Investigation Order to the following current and past owners and operators of the Zeneca Site: Cherokee Simeon Venture I, LLC, Zeneca Inc., and Bayer CropScience Inc. This order outlines DTSC's requirements for the Upland portion of the site and includes the following tasks: fencing and posting of the site; removal of the tarped soil stockpile and any marsh sediments that are placed in the Upland area in 2004 and 2005; repair and continued maintenance of the temporary site cap; continuation of dust abatement activities and air monitoring; submittal of a report documenting the effectiveness of the biologically active permeable barrier for groundwater treatment; continuation of groundwater monitoring and an assessment of the current groundwater monitoring plan; submittal of a Current Site Conditions Report; submittal of a Field Sampling Workplan to address any data gaps; submittal of a Remedial Investigation Report; and submittal of a Baseline Human Health and Ecological Risk Assessment.
- A copy of the Site Investigation Order can be viewed at DTSC's web site at:  
[http://www.dtsc.ca.gov/SiteCleanup/Zeneca/Zeneca\\_ENF\\_Investigation-Order.pdf](http://www.dtsc.ca.gov/SiteCleanup/Zeneca/Zeneca_ENF_Investigation-Order.pdf)

### **Site Activities**

- DTSC personnel were present on the site Wednesday, February 9 and Thursday, February 10 (lime solidification activities were resumed on Wednesday, February 9). DTSC staff continues to observe the loading and decontamination of trucks off-hauling the marsh sediments from the Upland stockpile area, and to monitor site conditions (including air monitoring) in the Upland area.
- Approximately 2,500 cubic yards of material was moved from the cinder berm located along the northern edge of the marsh to the Upland stockpile area this week. This material did not require solidification with lime prior to being hauled off-site.
- This week, approximately 5,800 cubic yards of sediments excavated from the

marsh area were transferred to the Upland stockpile area for solidification with lime. On February 9, the lime application process was temporarily halted due to high winds. On February 10, the lime mixing step was halted early due to high winds.

- This week approximately 6,500 tons of non-hazardous marsh sediments and cinder material were off-hauled to Altamont Landfill and Keller Canyon Landfill for proper disposal.
- Approximately 5,000 tons of backfill material approved by the Water Board was brought onto the site and used to backfill the marsh.

### **Air Monitoring**

Results of the range of real-time air monitoring for February 5 to February 10, 2005 conducted by both CSV and DTSC are as follows:

*Monitoring data was not collected on February 5 as no work occurred at the site.*

- Hydrogen Sulfide Monitoring Results  
**Action level – 0.03 parts per million (ppm)**  
CSV Measurement: 0.001 to 0.009 ppm  
DTSC Measurement: No readings collected as the monitor was inoperable and was returned to the vendor.
- Volatile Organic Compounds Monitoring Results  
**Action Level – 1 ppm**  
CSV Measurement: 0.0 to 0.1 ppm  
DTSC Measurement: 0.0 to 0.1 ppm
- Total Dust Monitoring Results  
**0.5 milligrams per cubic meter (mg/m<sup>3</sup>) [5 minute average] = stop work**  
CSV Measurement: 0.000 to 0.249 mg/m<sup>3</sup>  
*The 0.249 mg/m<sup>3</sup> reading was obtained from the Southwest monitoring station at 9:42 A.M. on February 5. No lime spreading or mixing was occurring on this day; however, a heavy fog layer was present in the morning which may have caused the elevated reading.*  
DTSC Measurement: 0.001 to 0.395 mg/m<sup>3</sup>  
*The 0.395 mg/m<sup>3</sup> reading was obtained on February 10 at 3:00 P.M. near the southwest perimeter of the site. Lime mixing was occurring and this activity was shut down immediately after for the remainder of the day due to the elevated winds.*

### **Public Participation**

- DTSC continues to work closely with the petitioner and the Richmond community since receiving a petition on January 31, 2005 to form a community advisory group (CAG) for the Zeneca/former Stauffer Chemical Company Site.
- DTSC answered community members' telephone calls regarding the CAG and how community members can apply to serve on the CAG.